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	Application Number		10527921	
	Filing Date		2005-09-30	
INFORMATION DISCLOSURE	First Named Inventor Gunte		ter Ziegler	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		2876	
(Not for Submission under 57 51 K 1.33)	Examiner Name	ELLIS	S, Suezu Y.	
	Attorney Docket Number		RSW85612US	

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Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	2040806		1936-05-12	FELGI, Fritz	
	2	2521713		1950-09-12	GOETZ, A.	
	3	2785153		1957-03-12	LOCKE et al.	
	4	3590486		1971-07-06	BRENNER et al.	
	5	3864139		1975-02-04	HELLER, Ferdinand P.	
	6	4027393		1977-06-07	ELLIS et al.	
	7	4113660		1978-09-12	ABE et al.	
	8	4206516		1980-06-10	PILLIAR, Robert M.	

Application Number		10527921		
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Examiner Name ELLIS		S, Suezu Y.		
Attorney Docket Number		RSW85612US		

9	4252525	1981-02-24	CHILD, Frank W.	
10	4263681	1981-04-28	NOTTON, John H.	
11	4291125	1981-09-22	GREATBATCH, Wilson	
12	4476590	1984-10-16	SCALES, et al.	
13	4570271	1986-02-18	SUMP, Kenneth R.	
14	4592920	1986-06-03	MURTFELDT, Robert L.	
15	4615705	1986-10-07	SCALES et al.	
16	4731198	1988-03-15	WATANABE, et al.	
17	4790851	1988-12-13	SUIRE, et al.	
18	4834756	1989-05-30	KENNA, Robert V.	
19	4871366	1989-10-03	VON RECUM, et al.	

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Attorney Docket Number		RSW85612US		

	20	4954476		1990-09-04	HUMS, Erich	
	21	4976738		1990-12-11	FREY et al.	
	22	5019096		1991-05-28	FOX, JR., et al.	
	23	5169597		1992-12-08	DAVIDSON, et al.	
	24	5219363		1993-06-15	CROWNINSHIELD, et al.	
	25	5378268		1995-01-03	WOLF, et al.	
	26	5480438		1996-01-02	ARIMA, et al.	
	27	5486225		1996-01-23	DYE, et al.	
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	1	20010036530		2001-11-01	NODA, et al.	

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Examiner Name ELLIS		S, Suezu Y.		
Attorney Docket Number		RSW85612US		

2	20010053937	2001-12-20	JOHNSON, et al.
3	20020099449	2002-07-25	SPEITLING, Andreas Werner
4	20020169066	2002-11-14	CASSIDY, et al.
5	20030167878	2003-09-11	AL-SALIM, et al.
6	20030175321	2003-09-18	SAPIESZKO, et al.
7	20030180344	2003-09-25	WISE, et al.
8	20040043153	2004-03-04	OKUHAMA, et al.
9	20040111159	2004-06-10	POPE, et al.
10	20040121451	2004-06-24	MORITZ, et al.
11	20040132603	2004-07-08	NARHI, et al.
12	20050014151	2005-01-20	TEXTOR, et al.

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Art Unit		2876		
Examiner Name ELLIS		S, Suezu Y.		
Attorney Docket Number		RSW85612US		

13	20050246032	2005-11-03	BOKROS, et al.	
14	20060020346	2006-01-26	HUNTER, et al.	
15	20060051544	2006-03-09	GOLDMANN, Helmut	
16	20060058882	2006-03-16	HAINES, Timothy G.	
17	20060079953	2006-04-13	GREGORICH, et al.	
18	20060093729	2006-05-04	MARX, et al.	
19	20060161256	2006-07-20	ZIEGLER, et al.	
20	20070077267	2007-04-05	MOLZ, IV, et al.	
21	20070093911	2007-04-26	FRICKE, et al.	
22	20080046091	2008-02-21	WEISS, et al.	
23	20080050699	2008-02-28	ZHANG, et al.	

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	1	10243132A1	DE			Friedrich-Baur- Beteiligungs-GmbH				
	2	0222717A2	EP			The Institute for Applied Biotechnology				
	3	0222717A3	EP			The Institute for Applied Biotechnology				
	4	03770943.3	EP			Biocer-Entwicklungs- GmbH				
	5	0409810A2	EP			Ellem Bioteknkik AB				
	6	0409810A3	EP			Ellem Bioteknikk AB				
	7	0642362B1	EP			Axidental Oy				
	8	0926256B1	EP			Sumitomo Osaka Cement Co., Ltd.				
	9	9249981A	JP			Nisshin Steel Co. Ltd.		×		

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	10	1999056800A1	wo			Advanced Bio Surfaces, Inc.		
	11	2004026346A2	wo			Friedrich-Baur-GmbH		
	12	2006058906A1	wo			Politecnico Di Torino		
	13	2007027794A1	wo			Zimmer Dental, Inc.		
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	1	HEIDENAU F., et al., "Structured porous titania as a coating for implant materials," Key Engineering Materials, 192-195:87-90 (2001)						
	NABLO, Brian J. et al., "Sol – Gel derived nitric-oxide releasing materials that reduce bacterial adhesion," J. Am. Chem. Soc., 123:9712-9713 (2001)							
	PELTOLA T., et al., "Effect of aging time of sol on structure and in vitro calcium phosphate formation of sol-gel-derived titania films," J Biomed Mater Res, 51:20-208 (2000)							
	4	SCHENK-MEUSER K., et al., "XPS analysis of sol-gel-generated mixed-oxide layers for biomedical application," Surface and Interface Analysis, 33:59-62 (2002)						
	TSENG. I-Hsiang et al., "Photoreduction of CO2 using sol-gel derived titania and titiana-supported copper catalysts," Applied Catalysis B: Environmental, 37:37-48 (2002)							
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